

Claim 9, line 2, delete "1 or".

Claim 10, line 2, delete "1 or".

Claim 12, line 2, delete "1 or".

Claim 13, line 2, delete "1 or".

Claim 20, line 2, change "any one of the preceding claims" to --claim 1--.

Please add the following new claims 23-32.

A *Sub B2*
23. The method for surface processing by plasma polymerization according to claim 1, wherein the DC discharge is performed periodically in the form of on/off pulsing during a total processing time in order to improve the hydrophilicity of the polymer.

24. The method for surface processing by plasma polymerization according to claim 1, wherein the polymer obtained in the step (d) is surface-processed by a plasma of at least one non-polymerizable gas selected from a group consisting of O₂, N₂, CO₂, CO, H₂O and NH₃ gas in order to improve the hydrophilicity of the polymer.

Sub C1
25. The method for surface processing by plasma polymerization according to claim 1, wherein in the step (d), the polymerization process by the plasma is performed for 1sec-2min.

Sub B3
26. The method for surface processing by plasma polymerization according to claim 1, wherein the ratio of the

Sub B3) unsaturated aliphatic hydrocarbon monomer gas and the non-polymerizable gas is varied whereby to vary the properties of the polymer.

27. The method for surface processing by plasma polymerization according to claim 1, wherein the ratio of the fluorine-containing monomer gas and the non-polymerizable gas is varied whereby to vary the properties of the polymer.

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Sub C1 28. The method for surface processing by plasma polymerization according to claim 1, wherein the non-polymerizable gas is 0-90% of the whole gas mixture.

29. The method for surface processing by plasma polymerization according to claim 1, wherein the polymer is annealed at a temperature of 100 - 400°C in the ambient atmosphere for 1 - 60min.

30. A material having a polymer with excellent hydrophilicity or hydrophobicity is fabricated by the method of claim 2.

31. A material having a polymer with excellent hydrophilicity or hydrophobicity is fabricated by the method of claim 14.

32. A material having a polymer with excellent hydrophilicity or hydrophobicity is fabricated by the method of claim 19.--